

Model: Tecra R850 PT524C- 00G003 2nd Generation Intel® Core™ i3-2310M processor – 2.10GHz, Genuine Windows® 7 Professional, 15.6" HD TFT, 4GB DDR3, 320GB HDD S-ATA, Intel GMA HD Graphics, DVD Super-Multi Double Layer, LAN, 802.11bgn Wireless, Bluetooth	Ports: Bridge Media adaptor (Secure Digital, Memory Stick™, Memory Stick PRO™, MultiMedia Card, xD Picture Card), RGB, 2 x USB2.0, 1 x eSATA/USB2.0, 1 x USB3.0, RJ45 (LAN), Headphone, Microphone, HDMI, Docking Connector Supported via Toshiba Hi-Speed Port Replicator II: USB2.0 x 4, USB3.0 x 2, 10M/100M/1000M Gigabit LAN x1, VGA x1, Headphone, Microphone, Serial x1, Display Port x 1, HDMI x 1 Supported via Dynadock U: DVI-D x1, Audio In/Out, 4 USB 2.0 Supported via Dynadock V: DVI-D x1, VGA, Audio In/Out, Digital Audio, 6 USB 2.0	Protect - Toshiba Spill-resistant Keyboard - Toshiba Shock Absorbing Design - Toshiba Hard Disk Drive Protection - HDD Shock Absorber - HDD Impact Sensor - Toshiba PC Diagnostic Tool - Toshiba PC Health Monitor Connect - Toshiba ConfigFree™ - Toshiba Diversity Antenna - Toshiba Bluetooth® Stack - Wireless Communication On/Off Optimize - Toshiba Device Access Control - Toshiba Presentation Button - Toshiba Zooming Utility - Toshiba Power Saver Utility - Toshiba Eco Utility - Toshiba Assist
Processor 2nd Generation Intel® Core™ i3-2310M processor (2.10GHz, 3MB Intel® Smart Cache) with Intel® Hyper-Threading Technology and Intel® Virtualization Technology.	Keyboard Canadian Bilingual (English/French) Keyboard Full sized 101 keys with 13 function keys Spill Resistant keyboard Color: (Black)	
Operating System Genuine Windows® 7 Professional	Pointing Device Touch Pad with Gesture Control	Environmental Specifications Temperature: Operating 5° to 35°C (41° to 95°F); Non Operating -20° to 65°C (-4° to 149°F) Thermal Gradient: Operating 15° C per hr. max; Non Operating 20° C per hr. max Relative Humidity: Operating 20% to 80% non-condensing; Non-Operating: 10% to 90% non-condensing Altitude (relative to sea level): Operating: -60 to 3,000m.; Non-Operating: -60 to 10,000m. Shock: Operating: 10G; Non-Operating 60G Vibration: Operating 0.5G, 0.25G; Non-Operating: 1G
Memory Standard Memory: 4GB DDR3 (1333MHz) Slot1: 2GB DDR3 (1333MHz) Slot2: 2GB DDR3 (1333MHz) Maximum Memory: 8GB DDR3 Expansion Modules: 1GB, 2GB, or 4GB DDR3	Additional Software Toshiba ConfigFree™ Adobe Acrobat Reader TOSHIBA Disc Creator Norton Internet Security™ – trial Microsoft® Office Starter 2010 includes reduced-functionality versions of Word® and Excel® only, with advertising	Environmental Credentials Energy Star 5.0 RoHS EPEAT Gold
Hard Disk Drive 320GB (7200 RPM); Serial-ATA hard disk drive	Physical Dimensions Dimensions: (WxDxH) 379 x 252 x 20.8/30.4 mm Weight: 2.40kg (5.29 lbs) Color: Black	Canada and International Limited Warranty
Optical Drive Built-in DVD Super-Multi Double Layer Drive functions: Read: CD-ROM (24x), DVD-ROM (8x), Write: CD-R (24x), CD-RW (4x), DVD-R (8x), DVD-R DL (6x), DVD-RW (6x), DVD+R (8x), DVD+R DL (6x) DVD+RW (8x), DVD-RAM (5x)	AC Adapter 65W external Universal AC adaptor input voltage (100 –240V 50/60Hz frequency), (19Vx3.42A) Dimensions: 107.0 (W) x 30.5 (H) x 47.0 (D) mm Weight: 250g	This Tecra notebook comes with a three (3) year parts and labour Limited International Warranty. Note the original battery is warranted for one year from date of purchase. Pre-installed software is excluded from TCL standard limited warranty. For complete details on this warranty program and other Warranty Programs such as On-site and Next Business Day Service visit www.toshiba.ca/warranty
Display System Type: 16:9 TFT Active Matrix colour LCD display with LED backlight Size (diagonal): 15.6" HD Native LCD Panel Resolution: 1366x768x16.7 million colours External Support and Max. Colour Support (dependant on CRT): Up to 2,048 x 1536 x 16.7 million colours	Battery Battery Type: Removable, Rechargeable 6-cell Lithium Ion (Li-ion) 10.8V x 66 Wh capacity Battery life: up to 8 hours (Mobile Mark) Dimensions: (WxHxD) 269.0 x 47.0 x 26.0 mm	Accessories
Graphics Controller Intel® HD Graphics 3000 up to 1172MB (32bit OS) or up to 1696MB (64bit OS) dynamically allocated shared graphics memory with 4GB of system memory.	BIOS TSETUP support, ACPI support, VESA support, SM BIOS support, PCI BIOS Support, Computrace BIOS Support, WMI Support, Panel Open-Power On	PA3714C-1AC3 Universal AC Adaptor PA3916C-1PRP Hi-Speed Port Replicator 2 PA3905U-1BRS 6 Cell Battery Pack
Sound System Realtek ALC268-GR Software Sound, High Definition Audio Link, Built-in stereo speakers	TOSHIBA EasyGuard™	PA3918U-1M2G DDR3-1333 2GB Memory Module PA3918U-1M4G DDR3-1333 4GB Memory Module
Communication 10/100/1000Mbps Integrated Ethernet LAN (Wake on Lan) Atheros 802.11 b/g/n Wireless LAN Integrated Web Camera (w/ Built-in Mic) Bluetooth v3.0+HS	Secure Toshiba Multiple Level Password Utilities Toshiba Reinforced Security Cable Lock Slot Execute Disable Bit (XD-Bit) Trusted Platform Module (TPM v1.2) BIOS BitLocker Drive Encryption Support Fingerprint Reader (includes software for password and identity management) BIOS Computrace™ Support	Part Number/UPC code PT524C-00G003 / 6-23506-02896-7 †Toshiba of Canada Limited Information Systems Group shall not be liable for damages of any kind for use of this information, which is subject to change without notice. Central Processing Unit ("CPU" Performance Disclaimer:
Expansion 1 Express Card Slot		

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or > 25°C (77°F) at high altitude (all temperature references are approximate).

CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer product may automatically shutdown. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Support for more information.

Hard Disk Drive Disclaimer: 1 Gigabyte (GB) means 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

GPU: Graphics processor unit ("GPU") performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

Memory: Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors. For PC's configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration.

TFT Display Disclaimer: Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.

LCD: Over a period of time, and depending on the usage of the computer, the brightness of the LCD screen will deteriorate. This is an intrinsic characteristic of LCD technology. Maximum brightness is only available when operating in AC power mode. Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.

Weight: Weight may vary depending on actual configuration.

Battery: Battery life may vary considerably depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba of Canada website at toshiba.ca/accessories

Software: The included additional software is subject to change without notice. No substitution of software permitted. For further information please visit toshiba.ca/support

Subject to Change:

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